

SN. 09/820,385

ATTORNEY DOCKET NO. WATA:010

IN THE CLAIMS

The status of the claims as presently amended is as follows:

1. *(Currently Amended)* A substrate with a transparent conductive film, comprising:
a transparent substrate, and a transparent conductive film formed on a surface of said transparent substrate; and
a hole transport layer laminated on a surface of said transparent conductive film,
wherein said transparent conductive film has a work function of 4.9 to 5.5 eV, a surface roughness of 1 to 10 nm, and a specific resistance of $1.6 \times 10^{-4} \Omega \cdot \text{cm}$ or less,
wherein said transparent conductive film is formed on the surface of said transparent substrate by an ion plating method by using indium tin oxide which is a mixture of tin oxide and indium oxide as a material to be vaporized,
wherein said indium tin oxide has a tin oxide content of 4 to 6 wt%, and
wherein an energy barrier between said transparent conductive film and said hole transport layer is equal to or smaller than 0.7 eV.
2. *(Canceled)*
3. *(Original)* An organic electroluminescence device comprising:
a substrate with a transparent conductive film, including a transparent substrate, and a transparent conductive film formed on a surface of said transparent substrate, wherein said transparent conductive film has a work function of 4.9 to 5.5 eV, a surface roughness of 1 to 10 nm, and a specific resistance of $1.6 \times 10^{-4} \Omega \cdot \text{cm}$ or less, and
a multilayer film including a hole transport layer formed of an organic material, said multilayer film being laminated on a surface of said transparent conductive film of said substrate with said transparent conductive film,
wherein an energy barrier between said transparent conductive film and said hole transport layer is equal to or smaller than 0.7 eV.

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4. *(Canceled)*.

5. *(Original)* An organic electroluminescence device according to claim 3, wherein said multilayer film further comprises a light-emitting layer laminated on said hole transport layer, and an electron transport layer laminated on said light-emitting layer.

6. *(Currently Amended)* A method of producing a substrate with a transparent conductive film, comprising:

providing a transparent substrate; ~~and~~

ion plating a transparent conductive film on a surface of said transparent substrate by using indium tin oxide which is a mixture of tin oxide and indium oxide as a material to be vaporized; and

laminating a hole transport layer on a surface of said transparent conductive film,

wherein said indium tin oxide has a tin oxide content of 4 to 6 wt%,

wherein the transparent conductive film has a work function of 4.9 to 5.5 eV, a surface roughness of 1 to 10 nm and a specific resistance of $1.6 \times 10^{-4} \Omega \cdot \text{cm}$ or less, and

wherein an energy barrier between said transparent conductive film and said hole transport layer is equal to or smaller than 0.7 eV.

7. *(Canceled)*